

**PATENT NUMBER 3197763**

**(57) [CLAIMS]**

**[CLAIM ITEM 1]**

According to a non-aqueous system battery that is equipped with a negative pole using lithium as a negative pole active substance, and a positive pole that uses positive pole active substance of lithium-transition metal composite oxide shown with a formula of  $\text{Li}_x\text{Ni}_{1-y}\text{MyO}_2$  (however, it is  $0 < X < 1.3$ ,  $0 \leq Y \leq 1$ ,  $1.8 < Z < 2$ ; and M shows cobalt or more than two types of transition metals including cobalt), non-aqueous system battery is characterized by the fact that to said positive pole active substance, one or more than two types of metal salts selected from sodium, magnesium, aluminium, potassium, calcium, scandium, titanium, vanadium, chromium, manganese, iron, cobalt, nickel, steel, and zinc, and/or hydroxides of metal selected from magnesium, aluminium, calcium, scandium, titanium, vanadium, chromium, manganese, iron, cobalt, nickel, steel, and zinc are added at total amount of 0.1~30 mole%.

**[CLAIM ITEM 2]**

The non-aqueous system battery in accordance with the claim item 1, wherein said salt being metal salt that includes carbon.

**[CLAIM ITEM 3]**

The non-aqueous system battery in accordance with the claim item 2, wherein said metal salt that includes carbon being carbonate.

**[CLAIM ITEM 4]**

The non-aqueous system battery in accordance with the claim item 3, wherein said carbonate being cobalt carbonate and/or nickel carbonate.